

FIG. 1

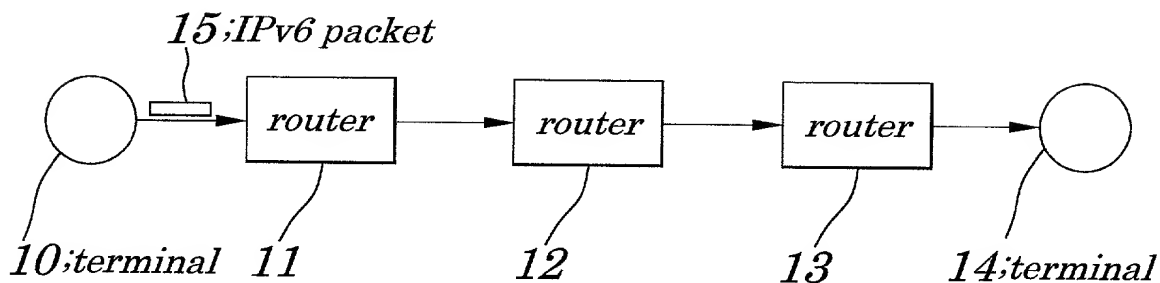
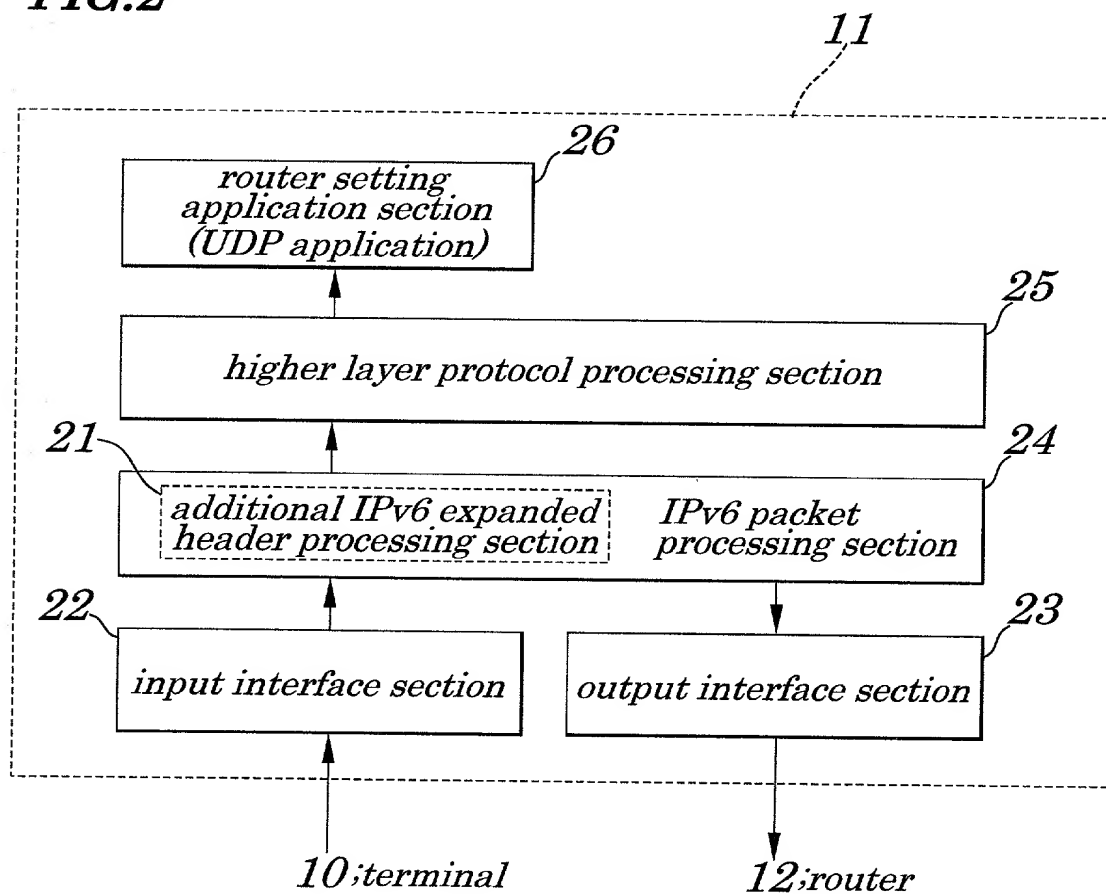
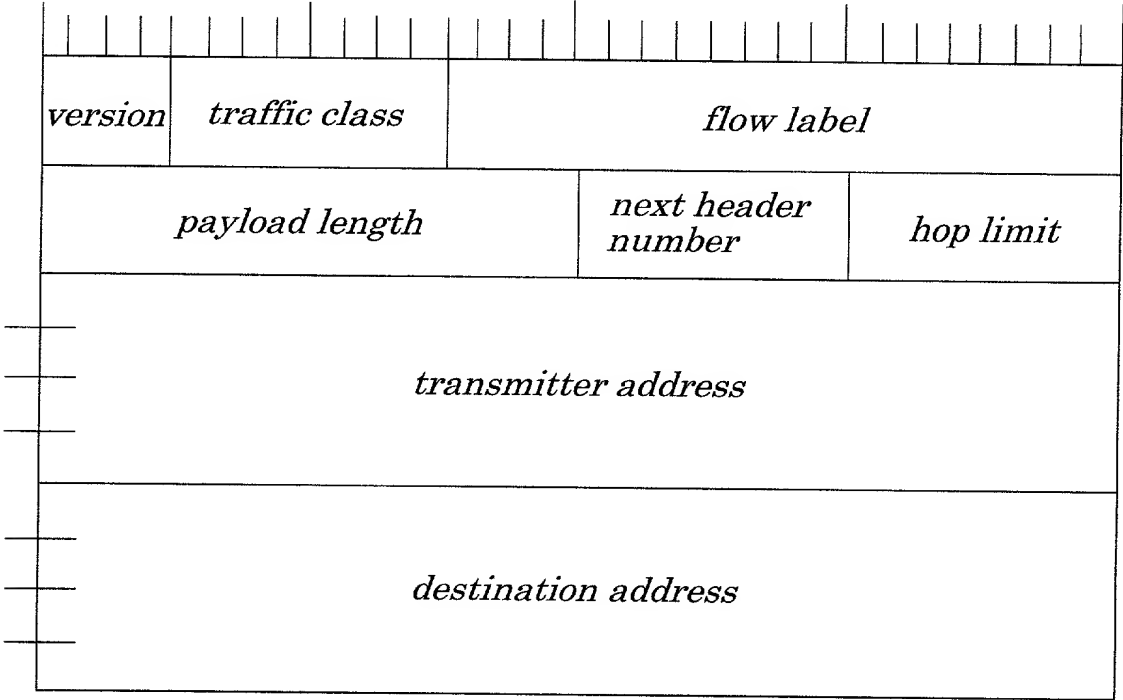


FIG. 2



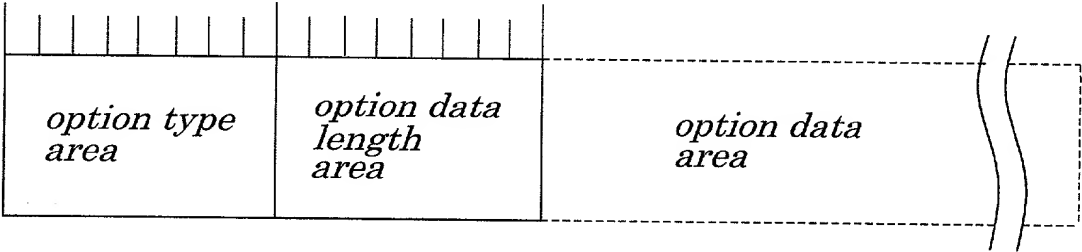
**FIG.3**

*IPv6 header format 32*



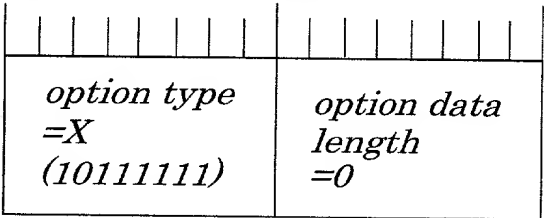
**FIG.4A**

*type-length-value (TLV) encoded format 30*



**FIG.4B**

*packet replicating option 31*

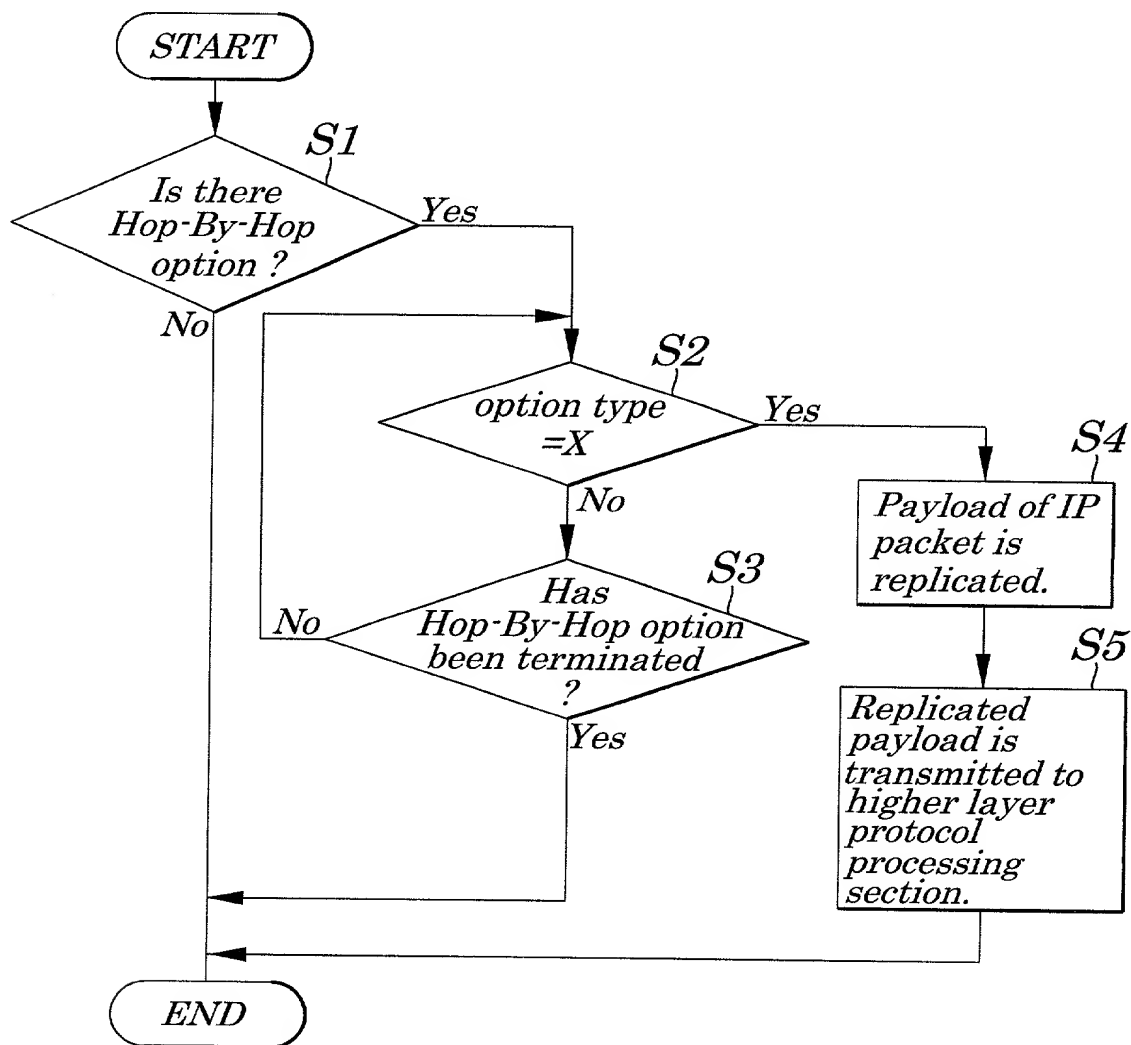


**FIG. 5**

*Hop-By-Hop option header 40*

<i>next header area</i>	<i>option data length area</i>	<i>option type = X (00110101)</i>	<i>option data length = 0</i>
<i>option type = 2 [PadN]</i>	<i>option data length = 2</i>	<i>0</i>	<i>0</i>

**FIG. 6**



*Hop-By-Hop option header 40*

<i>next header = 43 (routing header)</i>	<i>expanded header = 0</i>	<i>option type = X</i>	<i>option data length = 0</i>
<i>option type = 1 [PadN]</i>	<i>option data length = 2</i>	<i>0</i>	<i>0</i>
<i>next header number</i>	<i>expanded header length</i>	<i>routing type = 0</i>	<i>segment left = 2</i>
<i>reservation</i>			
<i>address [1] (128bit) IP address of router 12</i>			
<i>address [2] (128bit) IP address of router 13</i>			

FIG.8

